

PI 550926 to 550929. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Agricultural Research Service -- USDA, Tropical Agriculture Research Station, P.O. Box 70, Mayaguez, Puerto Rico. Received May 07, 1991.

- PI 550926 **origin:** Puerto Rico. **cultivar:** PUERTO RICO DIENTE DE CABALLO(R)C3. **remarks:** Local dent type cultivar. Primary trait for selection was increased yield with secondary selection for root and stalk lodging. Also selected for improved disease tolerance especially major endemic tropical diseases including southern corn rust (*Puccinia polysora*), southern corn leaf spot (*Helminthosporium maydis* Race O), Northern corn leaf spot (*H. turcicum*), corn ear smut (*Ustilago maydis*),. Breeding Material. Seed.
- PI 550927 **origin:** Puerto Rico. **cultivar:** PUERTO RICO MAYORBELA(R)C3. **pedigree:** From OhS5 and OhS6 consisting of primarily 50% Corn Belt germplasm and 50% exotic material. **remarks:** Dent type population. Primary trait for selection was increased yield with secondary selection for root and stalk lodging. Also selected for improved disease tolerance especially major endemic tropical diseases including southern corn rust (*Puccinia polysora*), southern corn leaf spot (*Helminthosporium maydis* Race O), Northern corn leaf spot (*H. turcicum*), corn ear smut (*Ustilago maydis*),. Breeding Material. Seed.
- PI 550928 **origin:** Puerto Rico. **cultivar:** PUERTO RICO OHIOS9(R)C3. **pedigree:** From OhS7 and OhS8 consisting of primarily 50% Corn Belt germplasm and 50% exotic material. **remarks:** Dent type population. Primary trait for selection was increased yield with secondary selection for root and stalk lodging. Also selected for improved disease tolerance especially major endemic tropical diseases including southern corn rust (*Puccinia polysora*), southern corn leaf spot (*Helminthosporium maydis* Race O), Northern corn leaf spot (*H. turcicum*), corn ear smut (*Ustilago maydis*),. Breeding Material. Seed.
- PI 550929 **origin:** Puerto Rico. **cultivar:** PUERTO RICO OHIOS10(R)C3. **remarks:** Local yellow flint type cultivar. Primary trait for selection was increased yield with secondary selection for root and stalk lodging. Also selected for improved disease tolerance especially major endemic tropical diseases including southern corn rust (*Puccinia polysora*), southern corn leaf spot (*Helminthosporium maydis* Race O), Northern corn leaf spot (*H. turcicum*), corn ear smut. Breeding Material. Seed.